**College in High School Physics (CHS) Ms. Flarend**

**Voicemail: x4209 E-mail: amf@blwd.k12.pa.us**

**What Is Physics?**

Physics tries to explain and predict the physical world through concepts and mathematics. Topics we will study include motion, energy, nuclear physics, electricity, sound and light. Collection & analysis of experimental data will be a major component of this course.

**Expectations:*see “policies” handout for more specific information***

This course involves both problem- solving and laboratory activities. *Physics is best learned while actively doing physics.* I expect each to student to fully participate each and every day

Homework will be assigned regularly (and electronically) and generally you will be g\iven at least 2 days to complete it. **In general, no credit will be given for assignments turned in more then 1 day late.**

A Portfolio will be assembled each marking period according to criteria available on the wiki space and handed out in class. In order to complete this successfully, you will need to keep your papers organized in a binder.

Tests include conceptual questions, numerical problems and laboratory-based problems. Questions from all classroom activities are fair game for test material. In general, the tests are 80 minutes long.

In order to better mimic a college classroom where the student takes more responsibility for their learning:

Tests make up the majority of your grade. You will have chapter tests and 4 Pitt tests. Tests from Pitt carry double the points as chapter tests.

Homework will be checked for completeness only. It is up to you to make sure you can do the problems by yourself for the tests.

Class time will be available to work on physics problems in an unstructured format so that you must use your own discipline to make this time productive.

In general, I require everyone to treat others with respect and in return expect respect from others. Your fellow students are resources for help in this class. Please do not hesitate to ask questions.

**You must have a calculator that you bring to class everyday along with your binder.**

**Grades**

Below is the **approximate** grade breakdown. Everything is graded on a point basis.

Tests/Quizzes 70%

Homework 10%

Laboratory Reports/ Presentations 20%

Your grade from Pitt will be based solely upon the Pitt tests, including a **cumulative** FINAL exam.